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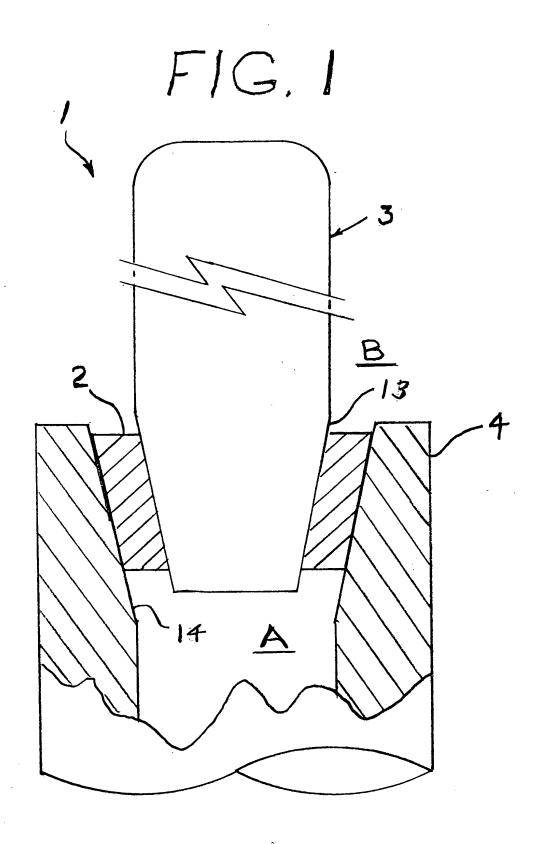
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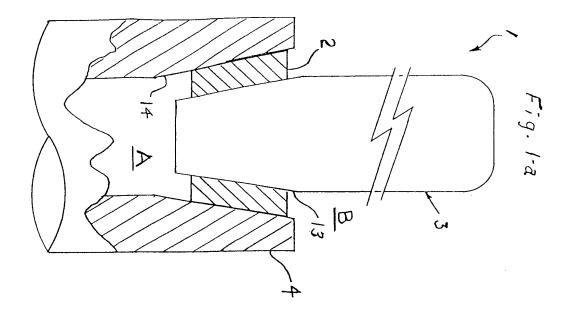
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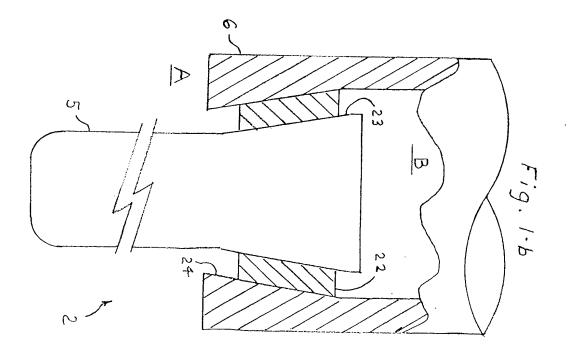


FIG. 2

Demonstration of Stable Seal in Many Thermal Cycles

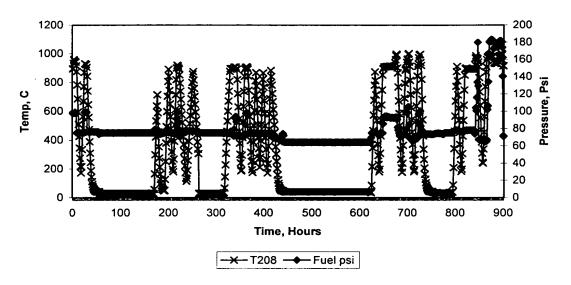


FIG. 3



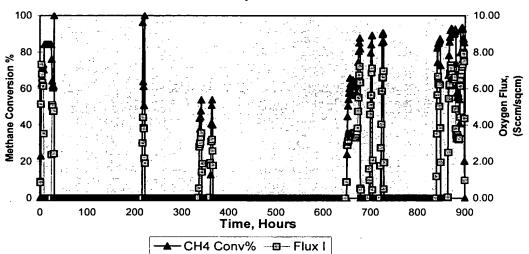


FIG. 4

The Relationship Between the Increase in Pressure has on the Oxyen Flux

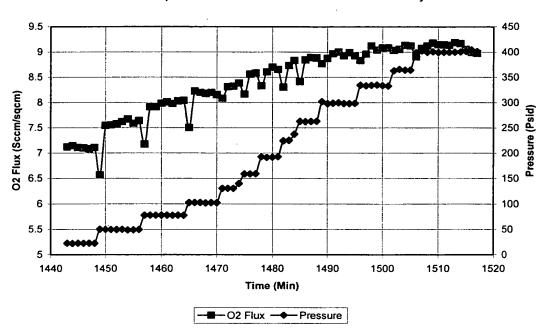


FIG. 5

La0.2Sr0.8Fe0.8Cr0.2O3-x Tube w/1mm Wall, He Sweep@2L/m, Air @4L/m, 975C

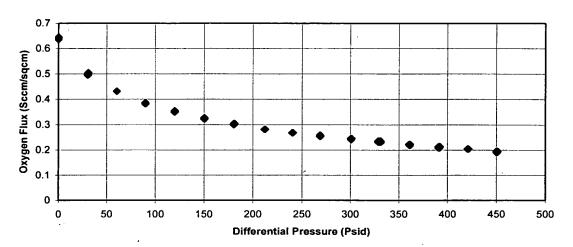


FIG. 6

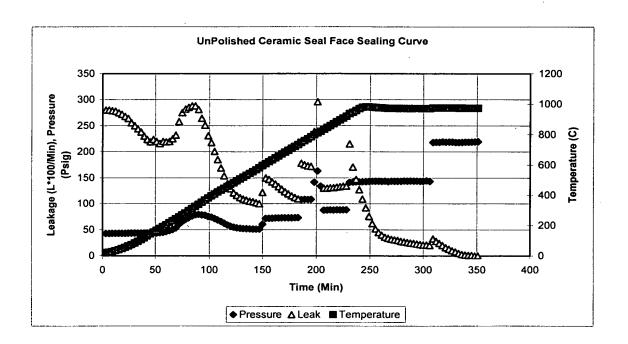
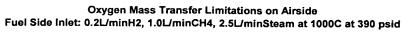


FIG. 7



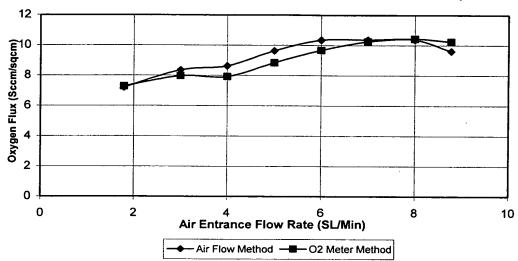


FIG. 8

Oxygen Utilization in Exit Air Stream at Ambient Pressure Fuel Stream Inlet: 0.2L/minH2, 1.0L/minCH4, 2.5L/minSteam at 1000C at 390 psid

